

**REQUEST FOR APPROVAL TO REMOVE SEDIMENTATION POND
TREATMENT FACILITY PERMITTED UNDER THE PERMANENT REGULATORY
PROGRAM**

Name of Permittee: Shannon, LLC

ASMC Permit #: P-3925

NPDES Permit #: AL0076597

Sedimentation Pond #: 031

Give the date of the last planting of permanent vegetation in the watershed of the sedimentation pond to be removed

Not Applicable

Attach copies of the NPDES Discharge Monitoring Reports for the previous 12 months.

Not Applicable

If the sedimentation pond has not been observed discharging the past 3 months, attach results of one sample of water collected from the pond showing the pH, total suspended solids, total iron and total manganese.

Not Applicable

Attach results of one sample of water entering the pond, which was collected within 48 hours after the commencement of a 24-hour precipitation event to show the pH and settleable solids concentration.

Not Applicable

Has chemical treatment been required within the past 6 months to cause the discharges to comply with applicable State and Federal effluent limitation requirements?

No

Attach a plan for removing the pond, including any drawings necessary to clearly show steps to be taken to divert up-stream drainage around the pond area, drain the impounded water, remove impounding structure, and grading, stabilizing and revegetating the affected area. For each permanent diversion to be constructed, list the total drainage area, which would contribute to the diversion and the peak flow, which would result from the 10-year, 6-hour precipitation event. Show the location of each proposed permanent diversion and specify the channel size, configuration, freeboard, gradient, and channel lining to be used for each different gradient.

Give the proposed date for removal: See Attached Plan

**SHANNON MINE NO.2
PERMIT NO. P-3925
BASIN 031 REMOVAL PLAN**

LOCATION

Basin 031 is located in the NE/SW of Section 28, Township 19 South, Range 5 West, Jefferson, County, Alabama.

REMOVAL PROCEDURE

Basin 031 is a small embankment with an open channel principle spillway. The basin will be dewatered in an environmentally safe manner (such as siphoning, pumping, etc.) and filled/removed during the reclamation activities of the out slope of Increment No. 3. The basin pool area and dam will be completely filled and graded to blend with the surrounding area. Removal will not commence until construction of relocated Basin 033 has been completed and certified to ASMC.

PERMIT BOUNDARY

27% RECLAIMED SLOPE

BASIN POOL AREA

BASIN EMBANKMENT

**DRUMMOND COMPANY, INC.**
P.O. BOX 1549 JASPER, AL 35502
205-387-0501 OFFICE

Shannon, LLC
Shannon Mine No. 2, P-3925
Revision R-9
Typical Removal Plan
Cross Section

DRAWN BY: HOCUTT	DATE: 2/20/13
DWG. NAME: SM2XREM	

APPROVED BY: W.K.M.	SCALE: NONE
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**REQUEST FOR APPROVAL TO REMOVE SEDIMENTATION POND
TREATMENT FACILITY PERMITTED UNDER THE PERMANENT REGULATORY
PROGRAM**

Name of Permittee: Shannon, LLC

ASMC Permit #: P-3925

NPDES Permit #: AL0076597

Sedimentation Pond #: 032

Give the date of the last planting of permanent vegetation in the watershed of the sedimentation pond to be removed

Not Applicable

Attach copies of the NPDES Discharge Monitoring Reports for the previous 12 months.

Not Applicable

If the sedimentation pond has not been observed discharging the past 3 months, attach results of one sample of water collected from the pond showing the pH, total suspended solids, total iron and total manganese.

Not Applicable

Attach results of one sample of water entering the pond, which was collected within 48 hours after the commencement of a 24-hour precipitation event to show the pH and settleable solids concentration.

Not Applicable

Has chemical treatment been required within the past 6 months to cause the discharges to comply with applicable State and Federal effluent limitation requirements?

No

Attach a plan for removing the pond, including any drawings necessary to clearly show steps to be taken to divert up-stream drainage around the pond area, drain the impounded water, remove impounding structure, and grading, stabilizing and revegetating the affected area. For each permanent diversion to be constructed, list the total drainage area, which would contribute to the diversion and the peak flow, which would result from the 10-year, 6-hour precipitation event. Show the location of each proposed permanent diversion and specify the channel size, configuration, freeboard, gradient, and channel lining to be used for each different gradient.

Give the proposed date for removal: See Attached Plan

**SHANNON MINE NO.2
PERMIT NO. P-3925
BASIN 032 REMOVAL PLAN**

LOCATION

Basin 032 is located in the NW/SE and SW/NE of Section 28, Township 19 South, Range 5 West, Jefferson, County, Alabama.

REMOVAL PROCEDURE

Basin 032 is a small embankment with a 18" CPP principle spillway and an open channel emergency spillway. The basin will be dewatered in an environmentally safe manner (such as siphoning, pumping, etc.). Removal will consist of the removal of the spillway pipe from the embankment and the basin filled/removed during the reclamation activities of the out slope of Increment No. 2. The basin pool area and dam will be completely filled and graded to blend with the surrounding area. Removal will not commence until construction of relocated Basin 033 has been completed and certified to ASMC.

PERMIT BOUNDARY

27% RECLAIMED SLOPE

BASIN POOL AREA

BASIN EMBANKMENT



DRUMMOND COMPANY, INC.

P.O. BOX 1549 JASPER, AL 35502
205-387-0501 OFFICE

Shannon, LLC

Shannon Mine No. 2, P-3925

Revision R-9

Typical Removal Plan

Cross Section

DRAWN BY: HOCUTT
DWG. NAME: SM2XREM

DATE: 2/20/13

APPROVED BY: W.K.M.

SCALE: NONE